OFE JOS TON STEEL STATE OF THE STATE OF THE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re	U.S. Patent Application of)	
FUJI	мото)	Art Unit 2171
Appli	cation Number: 10/020,313)	Examiner
Filed	: December 18, 2001)	Leroux, Pierre Etienne
For:	STORAGE SYSTEM, A METHOD OF FILE DATA BACKUP AND A METHOD OF COPYING OF FILE DATA)	RECEIVED
Attorney Docket No. HITA.0140)	SEP 0 8 2004
Hono	rable Assistant Commissioner		Technology Center 2100

Honorable Assistant Commissioner for Patents Washington, D.C. 20231

LETTER

Sir:

The below-identified communications are submitted in the above-captioned application or proceeding:

- (x) Information Disclosure Statement & PTO Form 1449 w/refs.
- (x) Check for \$180.00

The Commissioner is hereby authorized to charge payment of any fees associated with this communication, including fees under 37 C.F.R. § 1.16 and 1.17 or credit any overpayment to **Deposit Account Number 08-1480**. A duplicate copy of this sheet is attached.

Respectfully submitted,

Stanley P. Fisher

Registration Number 24,344

Juan Carlos A. Marquez Registration Number 34,072

REED SMITH LLP 3110 Fairview Park Drive Suite 1400 Falls Church, Virginia 22042 (703) 641-4200

September 3, 2004

SE 0 3 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Fh re U.S. Patent Application of)
FUJIMOTO) Art Unit 2171
Application Number: 10/020,313) Examiner Leroux, Pierre Etienne
Filed: December 18, 2001)
For: STORAGE SYSTEM, A METHOD OF FILE DATA BACKUP AND A METHOD OF)
COPYING OF FILE DATA	RECEIVED
Attorney Docket No. HITA.0140	SEP 0 8 2004
Honorable Assistant Commissioner	Technology Center 2100

INFORMATION DISCLOSURE STATEMENT

Sir:

Washington, D.C. 20231

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, this Information Disclosure Statement is submitted in the above-identified patent application. A listing of documents to be published on the face of any patent granted from this application is submitted herewith on Form PTO-1449. Any other documents or information submitted for consideration by the Examiner are listed in this paper. A copy of each U.S. and foreign patent, or each publication or portion thereof listed or herein identified, is submitted herewith.

CERTIFICATION

This Information Disclosure Statement is submitted after three months from the filing date of the above-identified U.S. patent application and after the mailing date of the first Office Action on the merits of the above-identified application, but prior to issuance of the earlier of any Final Action or Notice of Allowance sent in such application. The fee required under 37 C.F.R. 1.97(c) is submitted herewith.

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

09/07/2004 SMINASS1 00000053 10020313

01 FC:1806

180.00 OP

Please charge any additional fees or credit any overpayments in connection with this paper to Deposit Account No. 08-1480.

Respectfully submitted,

Stanley P. Fisher

Registration Number 24,344

Juan Carlos A. Marquez

Registration No. 34,072

REED SMITH LLP

3110 Fairview Park Drive Suite 1400 Falls Church, Virginia 22042 (703) 641-4200 September 3, 2004

Form PTO 1449	ATTY. DOCKET NUMBER HITA.0140	Serial Number 10/020,313	TO PETE
U.S. Department of Commerce Patent and Trademark Office	APPLICANT FUJIMOTO		SEP 0 3 2004 E
Information Disclosure Statement by Applicant	FILING DATE December 18, 2001	GROUP 2171	

U.S. Patent Documents

Examiner	DOCUMENT NUMBER	DATE	Name	CLA	SUBC	FILING DATE
Initial				SS	LASS	
	2002/0152339*	10/17/2002	Yamamoto			4/9/2001
	2003/0135578 A1	7/17/2003	Banga et al.			12/28/2001
	6,314,501	11/6/2001	Gulick et al.			12/18/98
	2002/0049825	4/25/2002	Jewett et al.			8/10/2001
	5,634,111	5/27/97	Oeda et al.			3/16/93
	5,809,279	9/15/98	Oeda et al.	-1	/EL	2/4/97
	6,105,092	8/15/2000	Oeda et al.			7/7/98
	6,499,075	12/24/2002	Oeda et al. SEP	08	2004	4/5/2001
	2003/0097504 A1	5/22/2003	Oeda et al.			11/19/2002
	6,567,863	5/20/2003	Lafuite et al. Technolog	v Cei	hter 21	00 12/7/99
	6,622,220	9/16/2003	Yoshida et al.			3/15/2001
	2003/0236945 A1	12/25/2003	Nahum			4/4/2001
	2002/0007445 A1	1/17/2002	Blumenau et al.			7/6/2001
	6,421,711	7/16/2002	Blumenau et al			6/29/98
	6,260,120	7/10/2001	Blumenau et al.			6/29/98
	2002/0069245 A1	6/6/2002	Kim			10/9/2001
	6,691,209	2/10/2004	O'Connell			5/26/2000
	5,235,689	8/10/93	Baker et al.			6/11/90

Foreign Patent Documents

Examiner	DOCUMENT NUMBER	FILING DATE	COUNTRY	CLASS	Sub-	Trans	LATION
Initial					CLASS	Yes	No
	5-307440	1/22/93	Japan			X	

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

	C.C. Huang, "Dynamic Validation of a Large Virtual Partition Space", IBM Technical Disclosure Bulletin, Vol. 16, No. 7 (December 1973), pp. 2104-2105	
	A. J. Sutton et al., "Processors Sharing and Partitioning of Main Storage in the MP System", IBM Technical Disclosure Bulletin, Vol. 22, No. 5 (October 1979), pp. 2009-2010	
	M. Bouillot, "Computer Provided with Storage Expansion and Adapted for Processing Paged Programs", IBM Technical Disclosure Bulletin, Vol. 16, No. 10 (March 1974), pp. 3270-3271	
"Address Validity Checking During a Program Execution Test. January 1974", IBM Technical I Bulletin, (October 1974), pp. 2557-2558		
	L. W. Avery, "Programmable Address Configuration of Memory", IBM Technical Disclosure Bulletin, Vol. 24, No. 2 (July 1981), pp. 968-970	
"Dynamic Reformatting and Merging of Data Streams", IBM Technical Disclosure Bulletin, 9B (February 1990), pp. 113-119		
Examiner	DATE CONSIDERED	

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

						PF			
Form PTO 144	9	ATTY. DOC	ATTY. DOCKET NUMBER		NUMBER	∕ 0'. ✓			
		HITA.01	HITA.0140		10/020,313				
	S. Department of Commerce	APPLICANT				SEP 0 3 700% E			
Pa	tent and Trademark Office	FUJIMO		GROUP	 	20 0			
Information	n Disclosure Statement by Applicant		Filing Date December 18, 2001			:			
- Information	Disclosure Statement by Applicant	Decemb							
		_U.S. F	atent Documents						
Examiner	DOCUMENT NUMBER	DATE	Name	CLA	SUBC	FILING DATE			
Initial				ss	LASS				
	5,903,716	5/11/99	Kimber et al.			6/5/97			
	5,638,497	6/10/97	Kimber et al.			7/1/94			
	5,371,837	12/6/94	Kimber et al.			3/23/94			
					1				
		Fore	gn Patent Documents						
Examiner	DOCUMENT NUMBER	FILING DATE	COUNTRY	CLASS	Ѕ∪в-	TRANSLATION			
Initial					CLASS	RECHOVE			
									
						SHP 0 8 20 04			
		-				<u> </u>			
						Technology Center 2			
	Other I	Ocuments (Incl	uding Author, Title, Date I	Pertinent Pa	ges, Etc.)	Transiegy Conton L			
	John Ioannidis et a Columbia Universi		otocols for Mobile Internet	tworking", l	Departme	nt of Computer Science,			
-		Ross W. Callon, "Use of OSI IS-IS for Routing in TCP/IP and Dual Environments", Network Working							
	Group (December			a Daar Diiv	ii oilliicii is	, Network Working			
		,,, _{FF} ,							
				•					
		 							
					 				
EXAMINER			DATE CONSIDERED						
				-					
EXAMINER:	Initial if citation is conside	red, whether or	not citation is in conforme	ance with M	(PEP 609)	; draw a line through			
	ot in conformance and not								

PTO1449